

January 23, 1990

BUREAU OF
FEDERAL GAS MANAGEMENT

JAN 30 1990

M.A. Hanna Company
1301 East Ninth Street
Suite 3600
Cleveland, OH 44114-1824

ATTN: Richard E. Hahn

SUBJ: L.E. Carpenter, Wharton, NJ
1986 Administrative Consent Order
October through December 1989 Progress Report

Gentlemen:

Per Paragraph 35 of the 1986 Administrative Consent Order between L.E. Carpenter & Company and the New Jersey Department of Environmental Protection (NJDEP), the following progress report is submitted detailing the status of activities at the former L.E. Carpenter facility. The report will include a discussion of product recovery and monthly monitoring activities and a summary of Remedial Investigation/Feasibility Study activities completed to date.

Product Recovery and Monthly Monitoring

Between October 1 and December 30, 1989, approximately 30 gallons of product were recovered from MW-6, MW-10 and MW-11s. As indicated in the October 23, 1989 quarterly report, there is little product present in MW-7. While the recovery equipment initially installed in MW-7 has been moved to MW-11s, we continue to monitor MW-7 for the presence of floating product.

Product recovery was limited during the last quarter of 1989 due to the extreme cold the area experienced in December. As a result of the cold weather, condensation in the product recovery lines froze and clogged the lines. As of December 30, 1989, 4,364.3 gallons of product have been recovered at the L.E. Carpenter facility.

Monthly monitoring of water levels and product thickness at the site was expanded in the final quarter of 1989 to include all wells installed during the Remedial Investigation. Elevation contour maps for ground water and the top of floating solvent across the site have been prepared for October, November and December 1989. In addition, solvent thickness isopach maps have been prepared for the three months. All of the figures are



attached at the rear of this report. Elevations of ground water, floating solvent and three surface water locations are summarized in a table preceding each month's figures. The table also includes product thickness measured in monitor wells across the site.

On November 1, 1989, groundwater samples were collected at MW-1, MW-2, MW-3, MW-4 and MW-5. Enseco-Erco Laboratories of Cambridge, Massachusetts, was contracted for the analytical work. The results of the laboratory analysis and the QA/QC documentation are attached at the rear of this report.

Remedial Investigation/Feasibility Study Activity Summary

On November 30, 1989, the Remedial Investigation Report was submitted to the NJDEP. Currently, we are conducting preliminary screening of potential remedial alternatives for the site. The results of this preliminary screening will be presented in a separate technical memorandum to be issued to the NJDEP in late January.

The second round of groundwater sampling for the Remedial Investigation is to be conducted in late January 1990. In addition to all the wells sampled on the L.E. Carpenter, Wharton Enterprises, and Air Products properties during the first round of groundwater sampling, four additional wells (MW-6, MW-7, MW-9 and MW-10) in the area of the former impoundment are to be sampled.

Please call if you have any questions pertaining to the above.

Sincerely,

GEOENGINEERING, INC.



William W. Dunnell IV
Project Manager

WWD/avm
enclosures
cc T. Schwartz (5)

TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 10/24/89
SHALLOW WELLS

WELL NO. (feet above MSL)	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	627.8 *	627.9	0.82	0.12
2	626.6 *	NS	0.00	0.00
3	623.4 *	623.7	1.98	0.30
4	627.1 *	NS	0.00	0.00
5	627.1 *	NS	0.00	0.00
6	627.2	NS	0.00	0.00
7	627.2	NS	0.00	0.00
8	626.6	NS	0.00	0.00
9	627.7	NS	0.00	0.00
10	625.4 @	625.6	0.90	0.13
11	NM	NM	NM	----
12	627.1 @	627.1	0.24	0.04
13	626.4	NS	0.00	0.00
14	626.0	NS	0.00	0.00
15	627.4	NS	0.00	0.00
16	628.1	NS	0.00	0.00
17	628.2	NS	0.00	0.00
18	626.2	NS	0.00	0.00
GEI-2s	628.3	NS	0.00	0.00

DRAINAGE NM
DITCH

RIVER PT. 627.9
RIVER PT. 627.0
RIVER PT. 626.1

NOTES * - Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
@ - Calculated piezometric surface, assuming solvent specific gravity is 0.87.
NS - No solvent observed in monitoring well
NM - Not measured

Elevations based on "Location and Elevation of Monitor Wells, L.E. Carpenter and Company Property", by Recon, Inc., 10-31-89

TABLE B: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 10/24/89
INTERMEDIATE AND DEEP WELLS

PIEZOMETRIC SURFACE ELEVATION WELL NO. (feet above MSL)		FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
=====				
11i	627.0	NS	0.00	0.00
12i	627.2	NS	0.00	0.00
13i	626.6	NS	0.00	0.00
14i	626.5	NS	0.00	0.00
15i	616.9	NS	0.00	0.00
16i	625.1	NS	0.00	0.00
18i	626.7	NS	0.00	0.00
GEI-1	626.8	NS	0.00	0.00
GEI-2	629.0	NS	0.00	0.00
GEI-3	628.7	NS	0.00	0.00
11d	630.0	NS	0.00	0.00
17d	627.9	NS	0.00	0.00
18d	629.3	NS	0.00	0.00

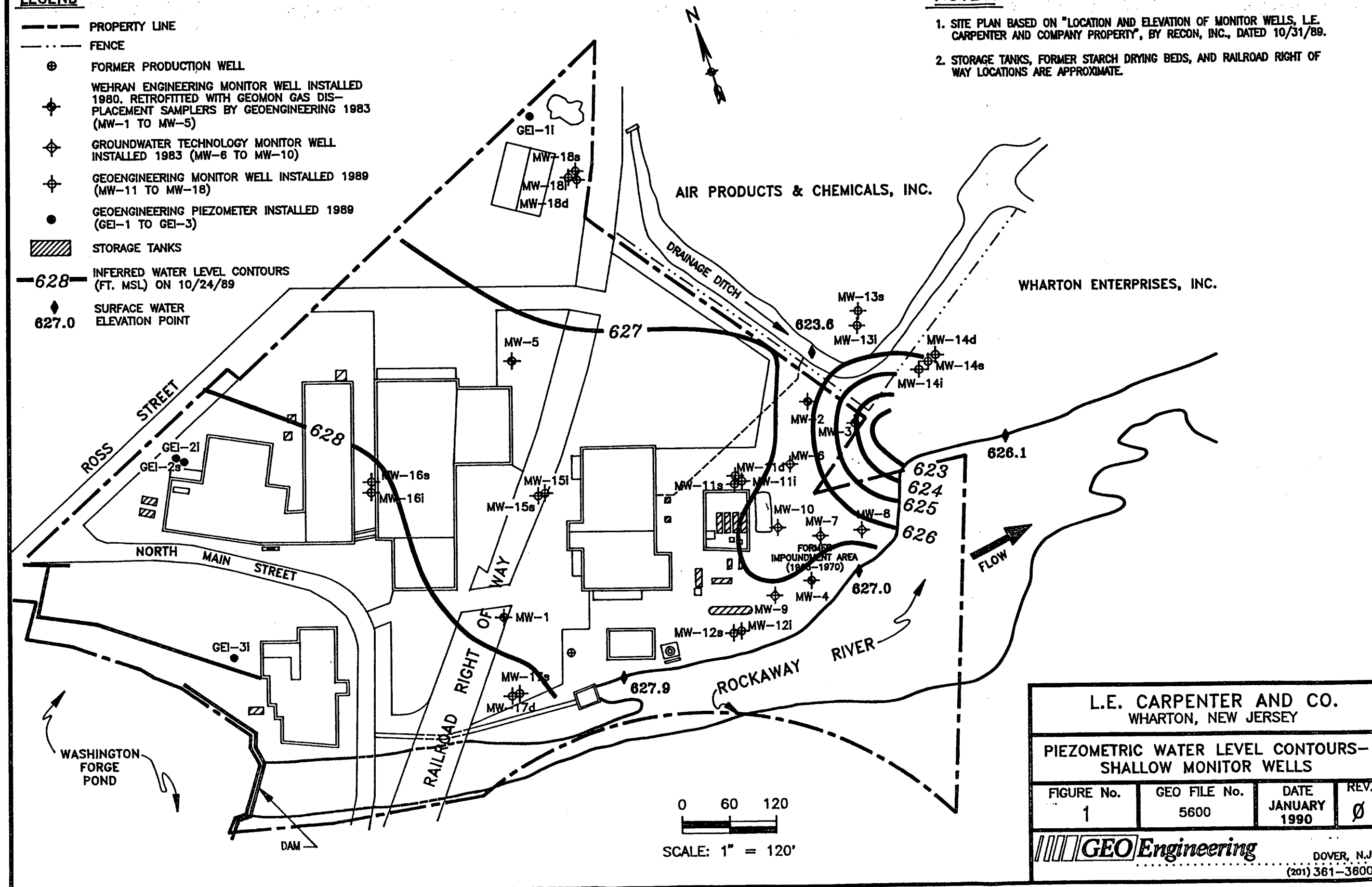
NOTES NS - No solvent observed in monitoring wells

LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 628 INFERRED WATER LEVEL CONTOURS (FT. MSL) ON 10/24/89
- 627.0 SURFACE WATER ELEVATION POINT

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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WHARTON, NEW JERSEY

PIEZOMETRIC WATER LEVEL CONTOURS-
SHALLOW MONITOR WELLS

FIGURE No.	GEO FILE No.	DATE	REV.
1	5600	JANUARY 1990	Ø

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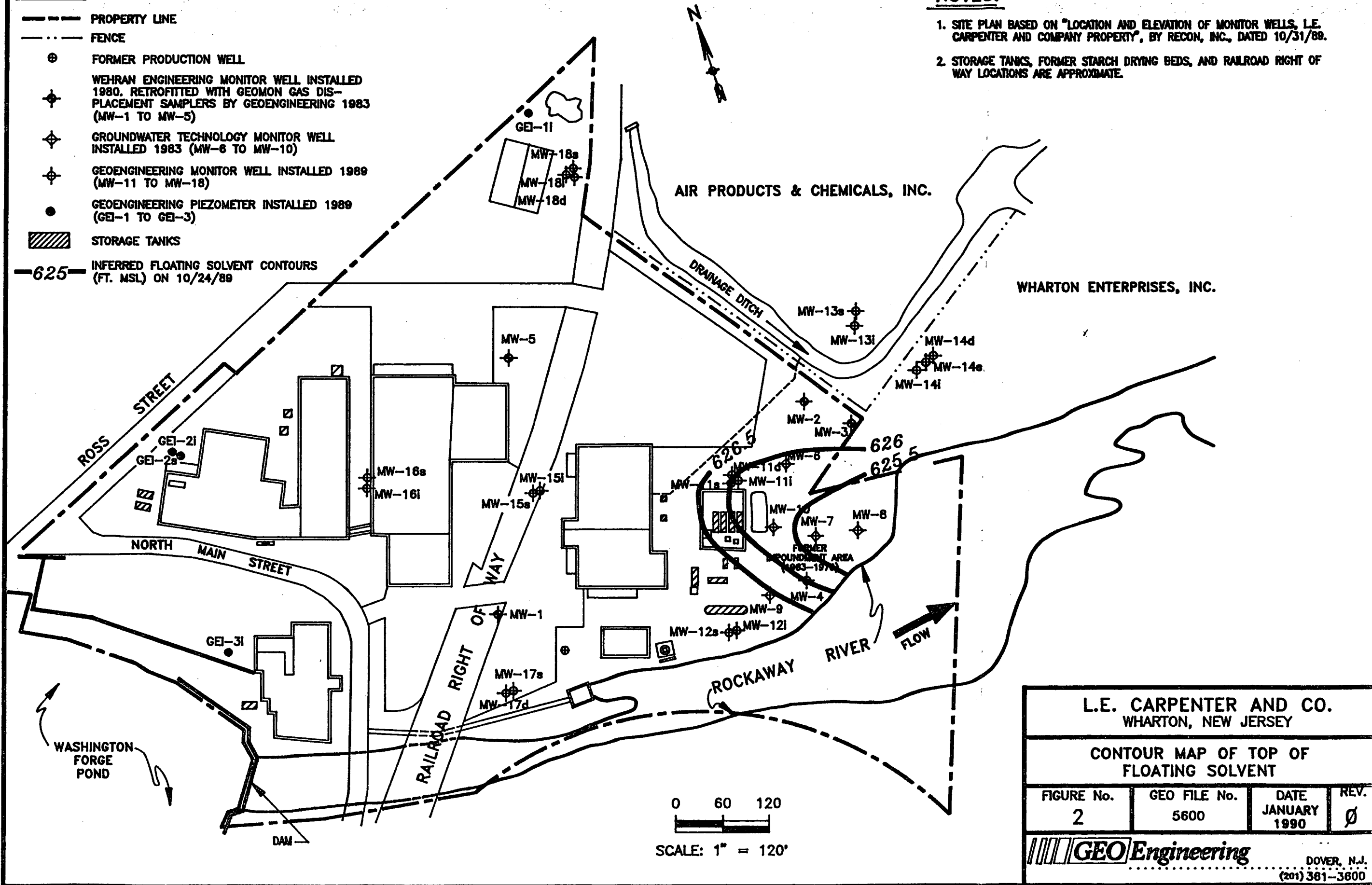
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LEGEND

- PROPERTY LINE
- ... FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 625— INFERRED FLOATING SOLVENT CONTOURS (FT. MSL) ON 10/24/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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CONTOUR MAP OF TOP OF
FLOATING SOLVENT

FIGURE No.	GEO FILE No.	DATE	REV.
2	5600	JANUARY 1990	Ø

GEO Engineering

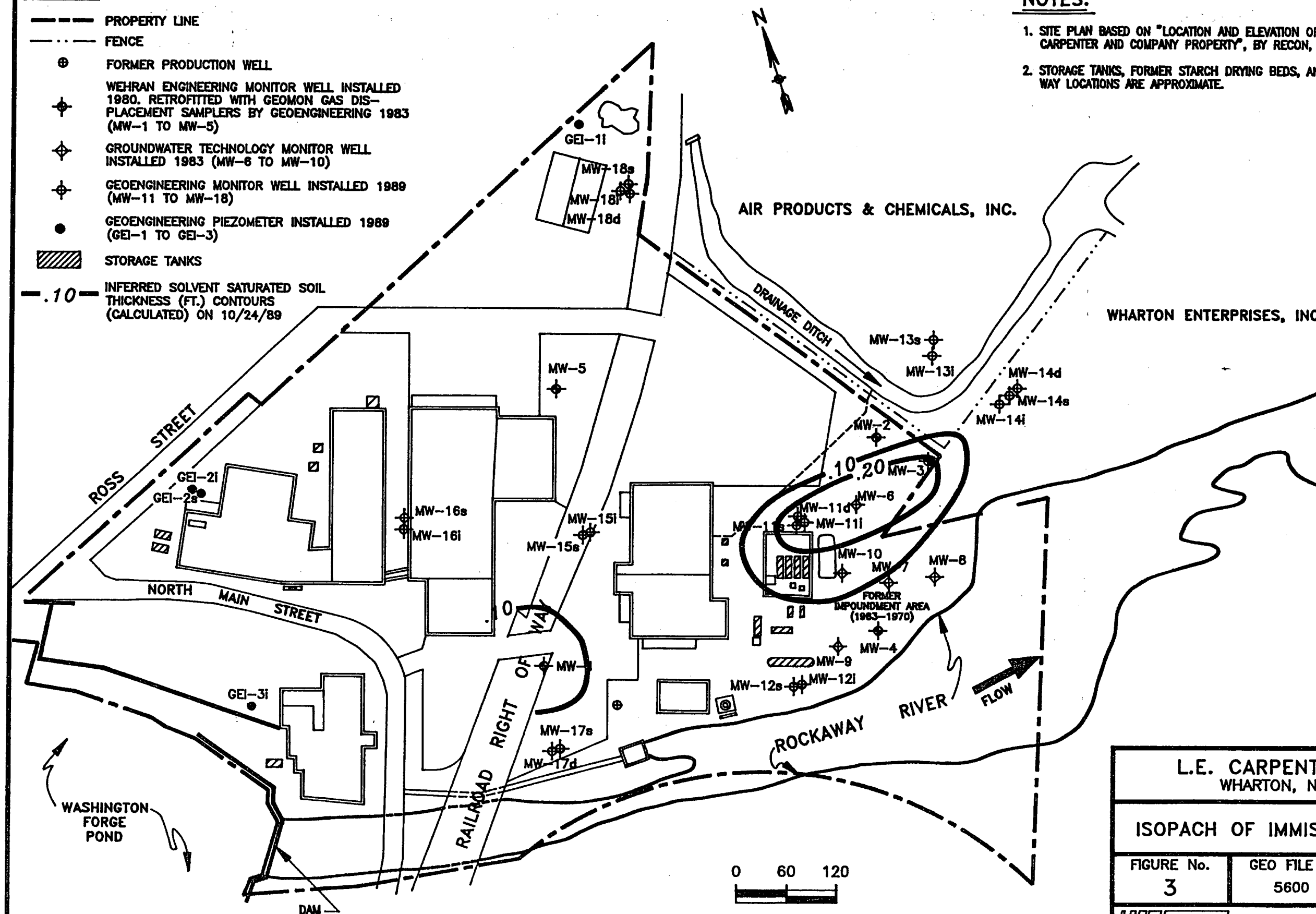
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LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- .10 - INFERRED SOLVENT SATURATED SOIL THICKNESS (FT.) CONTOURS (CALCULATED) ON 10/24/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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ISOPACH OF IMMISCIBLE SOLVENT

FIGURE No.	GEO FILE No.	DATE	REV.
3	5600	JANUARY 1990	Ø

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TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 11/29/89
SHALLOW WELLS

WELL NO.	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	626.0 *	626.1	0.87	0.13
2	625.4 *	NS	0.00	0.00
3	625.4 *	625.5	0.80	0.12
4	625.6 *	NS	0.00	0.00
5	625.9 *	NS	0.00	0.00
6	625.2 @	625.3	0.63	0.09
7	625.7	NS	0.00	0.00
8	625.0	NS	0.00	0.00
9	625.9	NS	0.00	0.00
10	623.9 @	624.1	1.25	0.19
11	625.5 @	625.6	0.34	0.05
12	625.5 @	625.7	0.78	0.12
13	625.3	NS	0.00	0.00
14	625.0	NS	0.00	0.00
15	626.4	NS	0.00	0.00
16	626.6	NS	0.00	0.00
17	626.2	NS	0.00	0.00
18	625.5	NS	0.00	0.00
GEI-2	626.7	NS	0.00	0.00
DRAINAGE DITCH	NM			
RIVER PT.	626.9			
RIVER PT.	626.1			
RIVER PT.	624.5			

N O T E S * - Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
 @ - Calculated piezometric surface, assuming solvent specific gravity is 0.87.
 NS - No solvent observed in monitoring well
 NM - Not measured

Elevations based on "Location and Elevation of Monitor Wells, L.E. Carpenter and Company Property", by Recon, Inc., 10-31-89

TABLE B: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 11/29/89
INTERMEDIATE AND DEEP WELLS

PIEZOMETRIC SURFACE ELEVATION		FLOATING SOLVENT SURFACE ELEVATION	MEASURED SOLVENT THICKNESS IN MONITORING WELL	CALCULATED FLOATING SOLVENT THICKNESS
WELL NO. (feet above MSL)		(feet above MSL)	(feet)	(feet)
=====				
11i	625.7	NS	0.00	0.00
12i	625.8	NS	0.00	0.00
13i	625.3	NS	0.00	0.00
14i	625.2	NS	0.00	0.00
15i	628.9	NS	0.00	0.00
16i	626.4	NS	0.00	0.00
18i	625.8	NS	0.00	0.00
GEI-1	624.8	NS	0.00	0.00
GEI-2	627.2	NS	0.00	0.00
GEI-3	626.7	NS	0.00	0.00
11d	628.5	NS	0.00	0.00
14d	628.3	NS	0.00	0.00
17d	626.2	NS	0.00	0.00
18d	627.6	NS	0.00	0.00

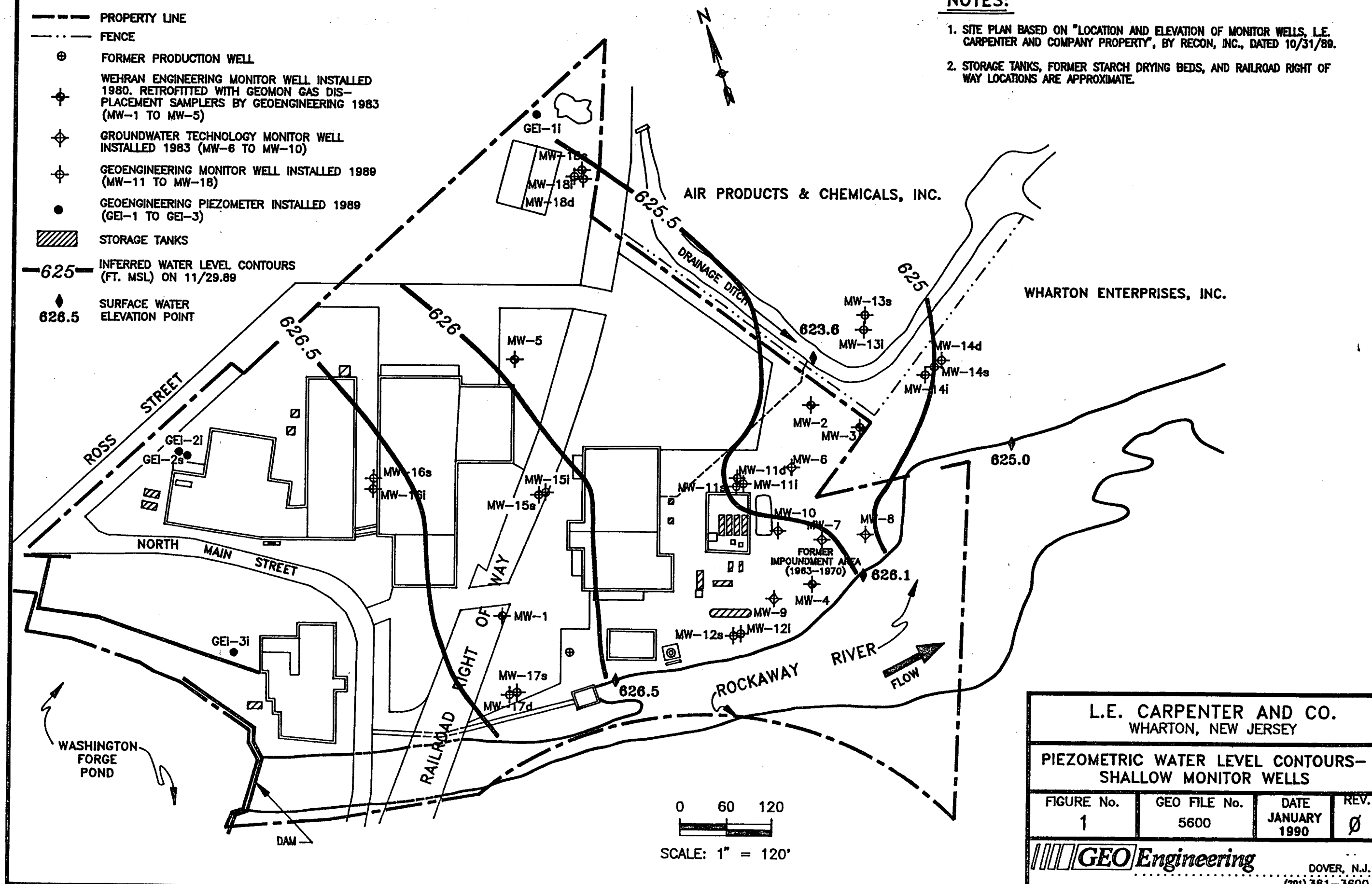
NOTES NS - No solvent observed in monitoring well

LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980, RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 625 — INFERRED WATER LEVEL CONTOURS (FT. MSL) ON 11/29.89
- ◆ 626.5 SURFACE WATER ELEVATION POINT

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, I.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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PIEZOMETRIC WATER LEVEL CONTOURS—
SHALLOW MONITOR WELLS

FIGURE No.	GEO FILE No.	DATE	REV.
1	5600	JANUARY 1990	Ø

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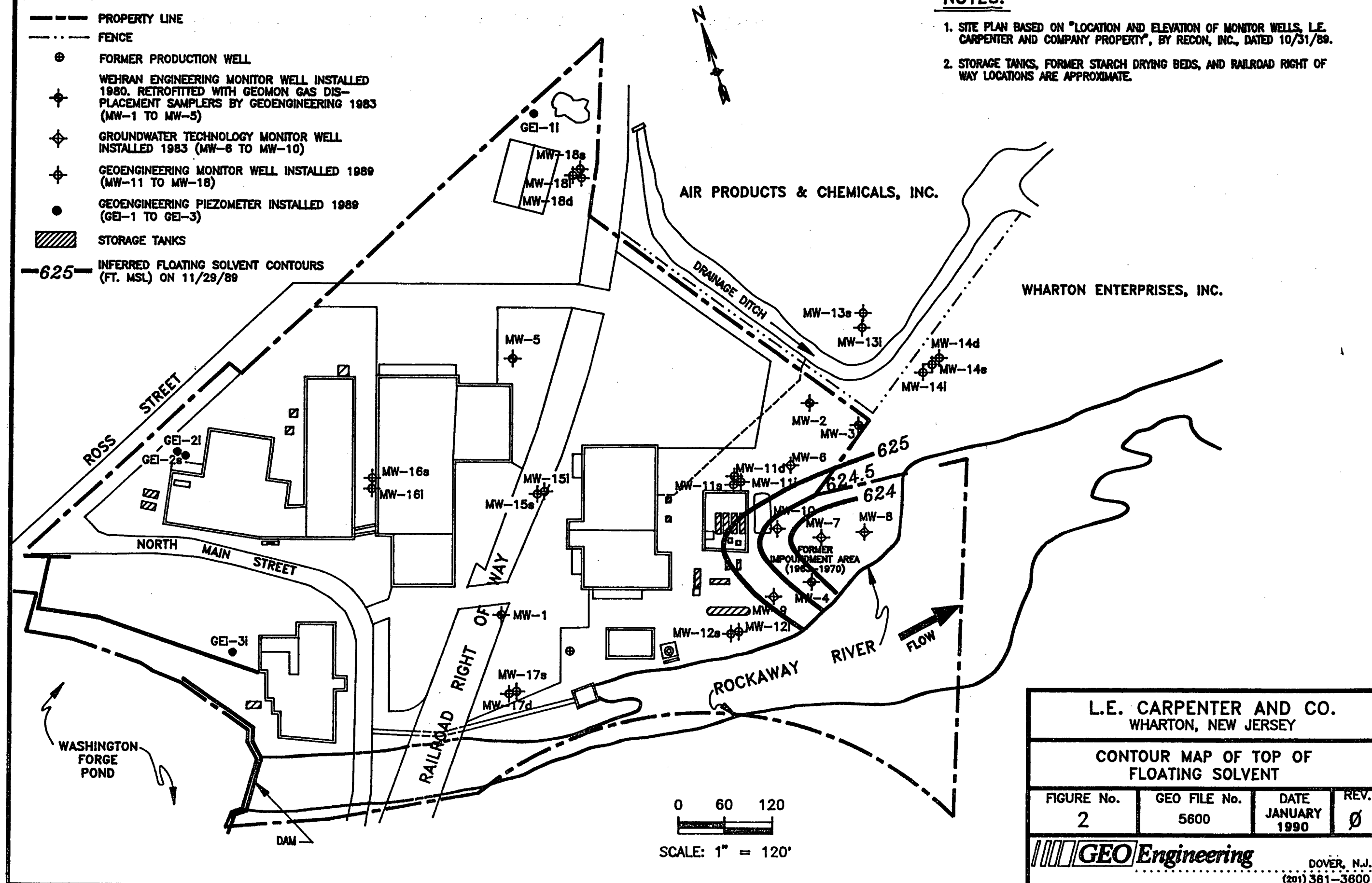
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LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 625- INFERRED FLOATING SOLVENT CONTOURS (FT. MSL) ON 11/29/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.

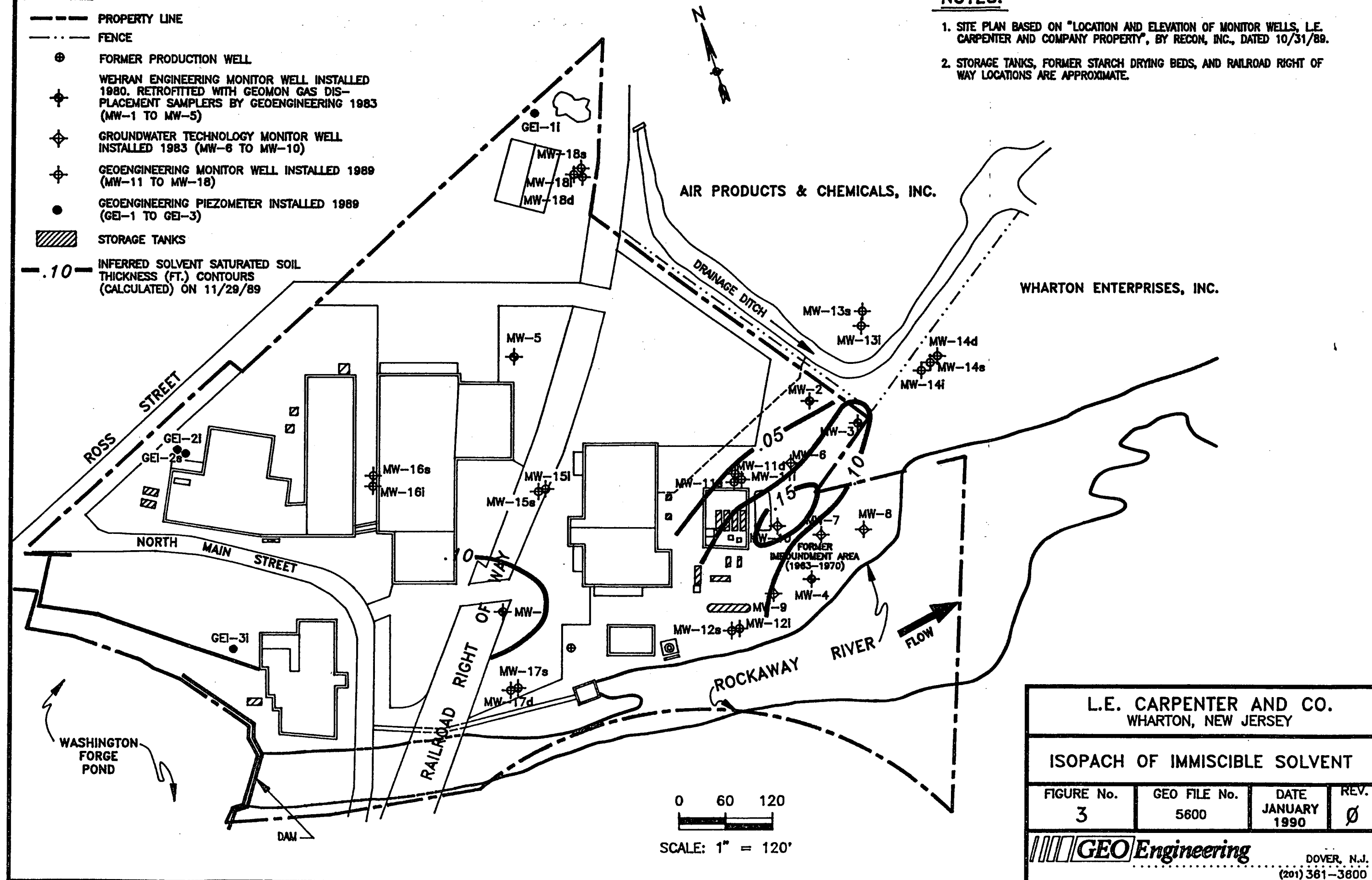


LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- .10 --- INFERRED SOLVENT SATURATED SOIL THICKNESS (FT.) CONTOURS (CALCULATED) ON 11/29/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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ISOPACH OF IMMISCIBLE SOLVENT

FIGURE No.	GEO FILE No.	DATE	REV.
3	5600	JANUARY 1990	Ø

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TABLE A: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 12/21/89
SHALLOW WELLS

WELL NO.	PIEZOMETRIC SURFACE ELEVATION (feet above MSL)	FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
1	625.0 *	625.3	1.55	0.23
2	624.6 *	NS	0.00	0.00
3	624.5 *	624.7	1.45	0.22
4	625.0 *	625.2	1.55	0.23
5	625.1 *	NS	0.00	0.00
6	627.7 @	628.3	3.45	0.52
7	625.2	NS	0.00	0.00
8	626.5	NS	0.00	0.00
9	625.5	NS	0.00	0.00
10	625.1 @	625.8	4.15	0.62
11	NM	NM	NM	----
12	NM	NM	NM	----
13	624.5	NS	0.00	0.00
14	624.3	NS	0.00	0.00
15	625.1	NS	0.00	0.00
16	625.7	NS	0.00	0.00
17	625.3	NS	0.00	0.00
18	624.9	NS	0.00	0.00
GEI-2s	625.9	NS	0.00	0.00

DRAINAGE NM
DITCH

RIVER PT. 627.2
RIVER PT. 626.0
RIVER PT. 626.0

NOTES * - Depth to water measured inside GEOMON Groundwater Sampler/Piezometer (inlet screen is below solvent level)
@ - Calculated piezometric surface, assuming solvent specific gravity is 0.87.
NS - No solvent observed in monitoring well
NM - Not measured

Elevations based on "Location and Elevation of Monitor Wells, L.E. Carpenter and Company Property", by Recon, Inc., 10-31-89

TABLE B: SOLVENT THICKNESS AND PIEZOMETRIC ELEVATIONS ON 12/21/89
INTERMEDIATE AND DEEP WELLS

PIEZOMETRIC SURFACE ELEVATION WELL NO. (feet above MSL)		FLOATING SOLVENT SURFACE ELEVATION (feet above MSL)	MEASURED SOLVENT THICKNESS IN MONITORING WELL (feet)	CALCULATED FLOATING SOLVENT THICKNESS (feet)
=====				
11i	624.1	NS	0.00	0.00
12i	622.8	NS	0.00	0.00
13i	624.6	NS	0.00	0.00
14i	624.4	NS	0.00	0.00
15i	625.2	NS	0.00	0.00
16i	625.7	NS	0.00	0.00
18i	625.1	NS	0.00	0.00
GEI-1	625.1	NS	0.00	0.00
GEI-2	626.4	NS	0.00	0.00
GEI-3	625.9	NS	0.00	0.00
11d	627.4	NS	0.00	0.00
14d	628.1	NS	0.00	0.00
17d	625.4	NS	0.00	0.00
18d	626.7	NS	0.00	0.00

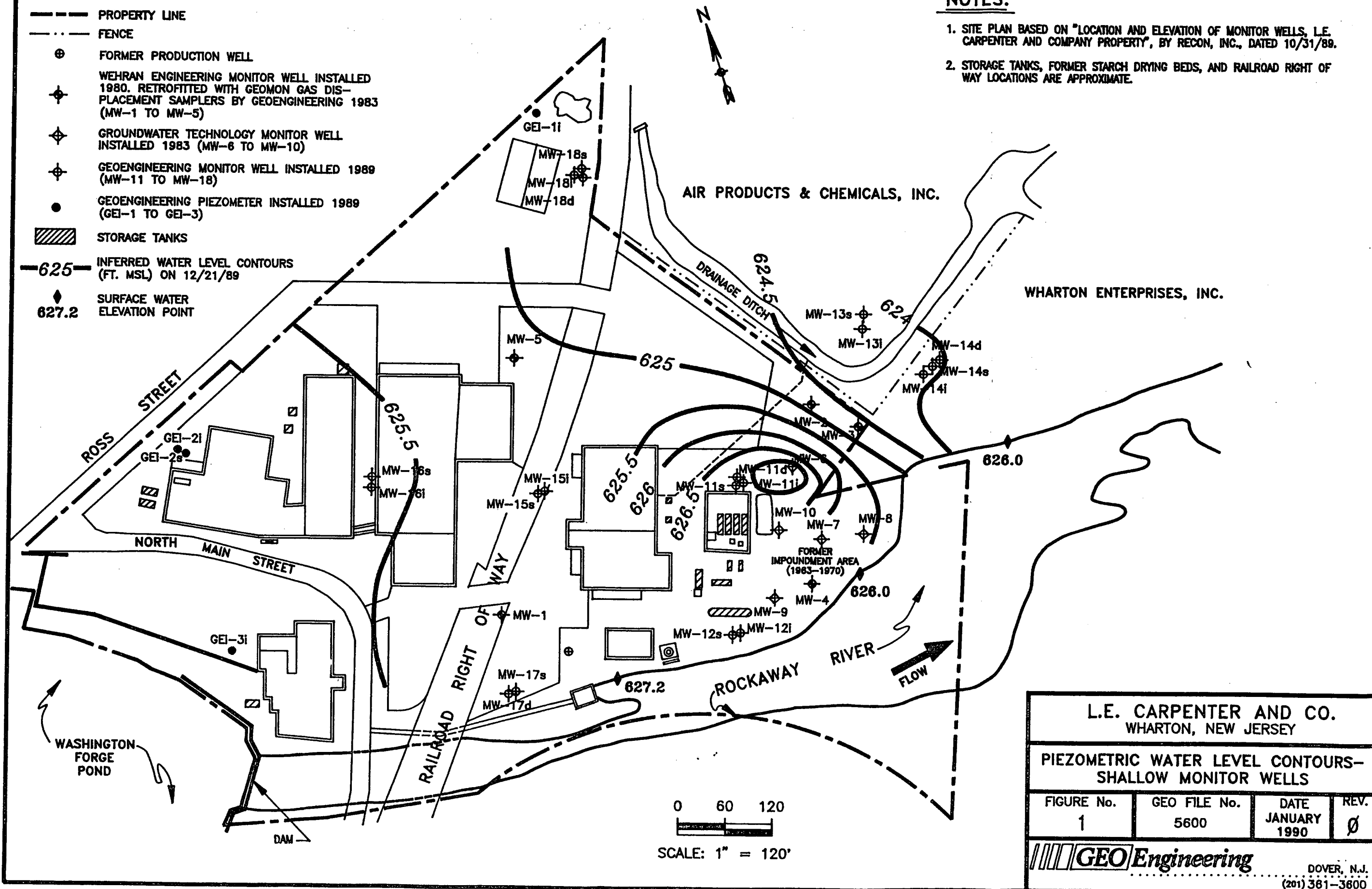
NOTES NS - No solvent observed in monitoring well

LEGEND

- PROPERTY LINE
- FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 625 INFERRED WATER LEVEL CONTOURS (FT. MSL) ON 12/21/89
- 627.2 SURFACE WATER ELEVATION POINT

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



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PIEZOMETRIC WATER LEVEL CONTOURS-
SHALLOW MONITOR WELLS

FIGURE No.	GEO FILE No.	DATE	REV.
1	5600	JANUARY 1990	Ø

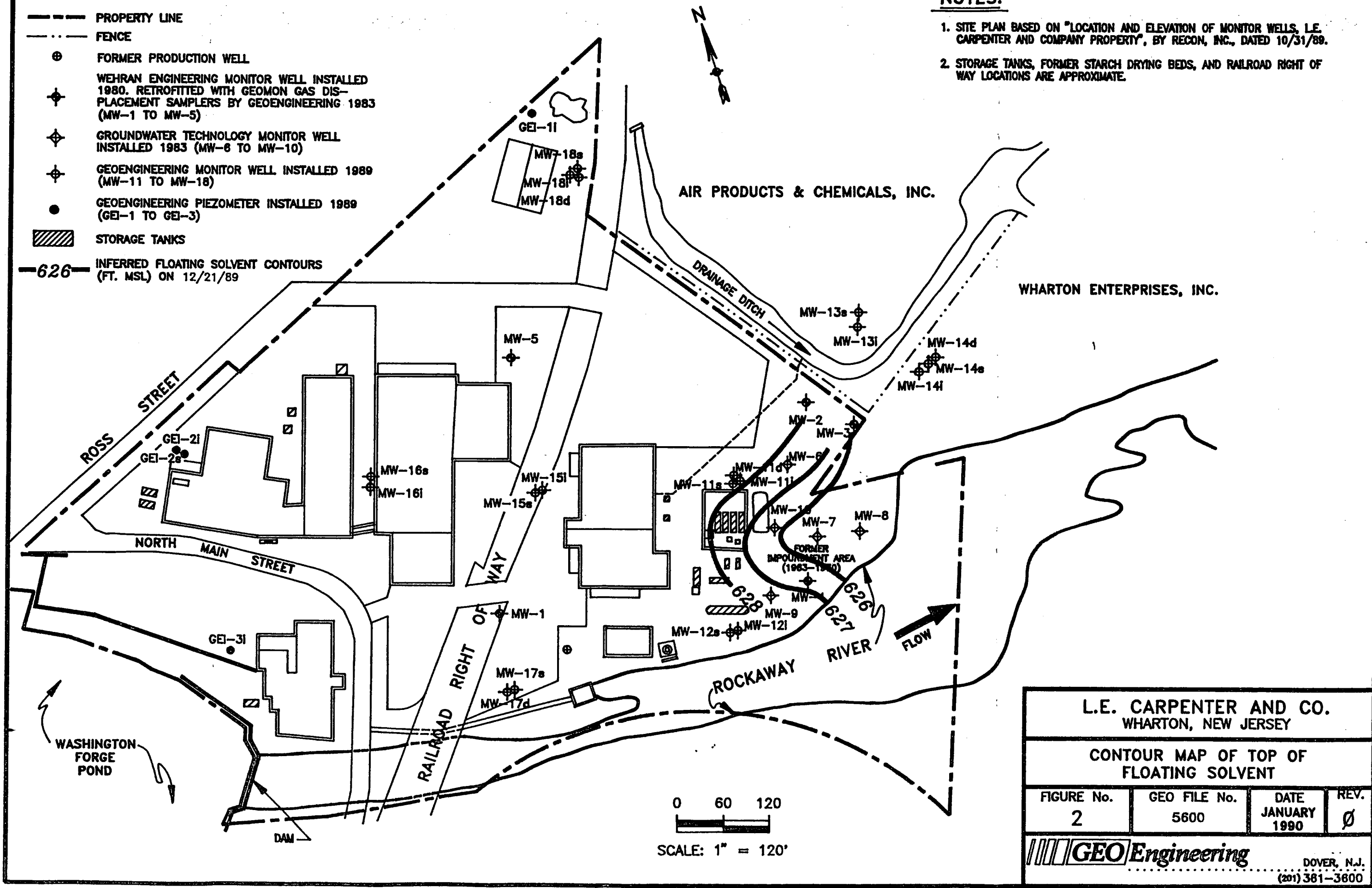
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LEGEND

- PROPERTY LINE
- - - FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- 626- INFERRED FLOATING SOLVENT CONTOURS (FT. MSL) ON 12/21/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



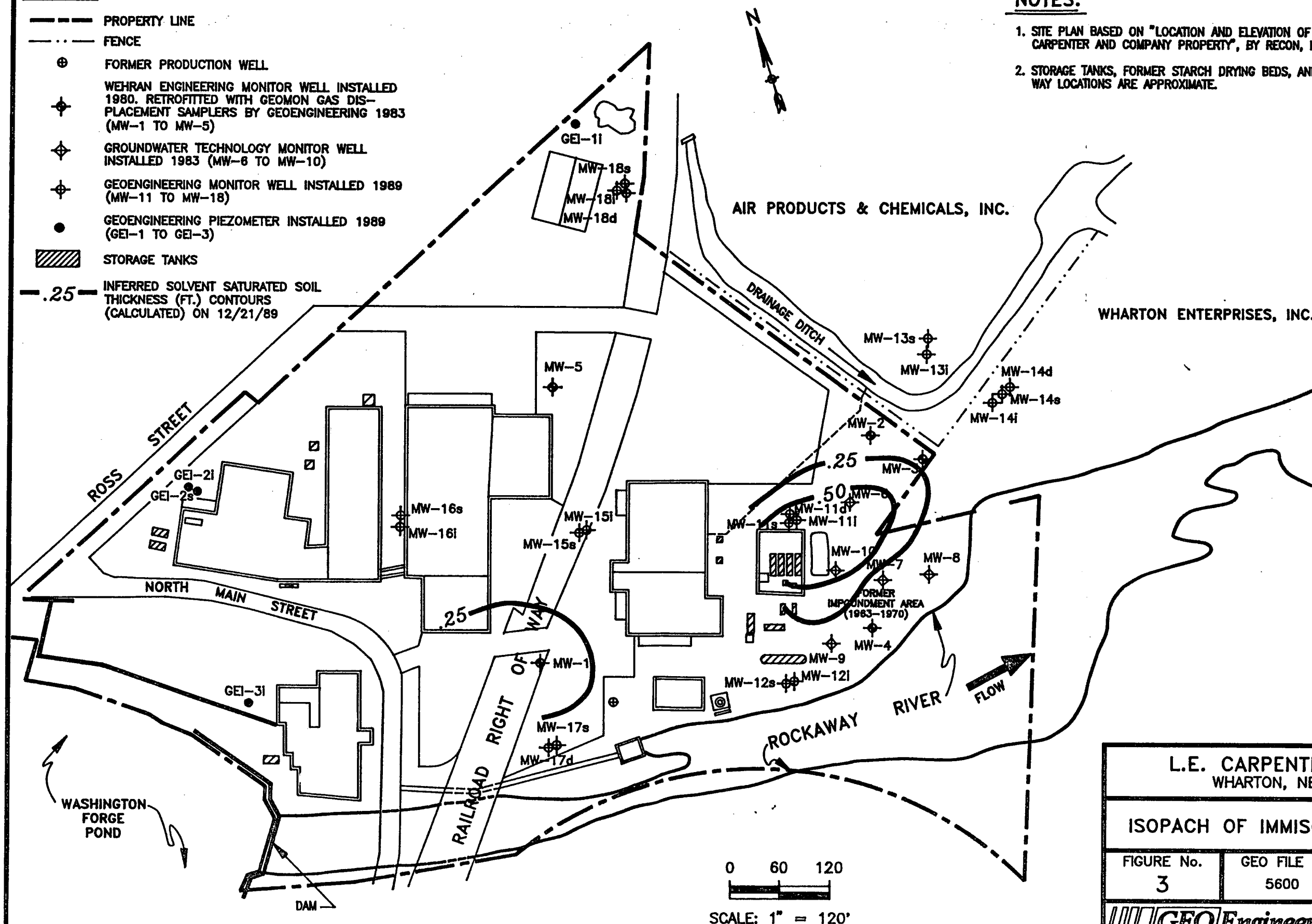
L.E. CARPENTER AND CO. WHARTON, NEW JERSEY			
CONTOUR MAP OF TOP OF FLOATING SOLVENT			
FIGURE No. 2	GEO FILE No. 5600	DATE JANUARY 1990	REV. Ø
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LEGEND

- PROPERTY LINE
- FENCE
- ⊕ FORMER PRODUCTION WELL
- ⊕ WEHRAN ENGINEERING MONITOR WELL INSTALLED 1980. RETROFITTED WITH GEOMON GAS DIS-PLACEMENT SAMPLERS BY GEOENGINEERING 1983 (MW-1 TO MW-5)
- ⊕ GROUNDWATER TECHNOLOGY MONITOR WELL INSTALLED 1983 (MW-6 TO MW-10)
- ⊕ GEOENGINEERING MONITOR WELL INSTALLED 1989 (MW-11 TO MW-18)
- GEOENGINEERING PIEZOMETER INSTALLED 1989 (GEI-1 TO GEI-3)
- ▨ STORAGE TANKS
- .25- INFERRED SOLVENT SATURATED SOIL THICKNESS (FT.) CONTOURS (CALCULATED) ON 12/21/89

NOTES:

1. SITE PLAN BASED ON "LOCATION AND ELEVATION OF MONITOR WELLS, L.E. CARPENTER AND COMPANY PROPERTY", BY RECON, INC., DATED 10/31/89.
2. STORAGE TANKS, FORMER STARCH DRYING BEDS, AND RAILROAD RIGHT OF WAY LOCATIONS ARE APPROXIMATE.



L.E. CARPENTER AND CO.
WHARTON, NEW JERSEY

ISOPACH OF IMMISCIBLE SOLVENT

FIGURE No.	GEO FILE No.	DATE	REV.
3	5600	JANUARY 1990	Ø

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